Alaska Energy Authority - Strategic Plan for Railbelt Assets FY2022 Request: \$2,500,000 Reference No: 63838 **Project Type:** Energy **AP/AL:** Appropriation Category: To be determined Location: Statewide **House District:** Statewide (HD 1-40) **Impact House District**: Statewide (HD 1-40) **Contact:** Curtis W. Thayer **Brief Summary and Statement of Need:** Develop an updated Strategic Plan focusing on un-constraining transmission congestion on the bulk power system (BPS) and utilizing the least-cost power opportunities on the interconnected transmission system, which is consistent with SB 123 and with the recently approved AEA Board Resolution No. 2021-03. FY2022 FY2023 FY2024 FY2025 FY2026 FY2027 Funding: Total 1004 Gen \$2,500,000 \$2,500,000 Fund Total: \$2,500,000 \$0 \$0 \$0 \$0 \$0 \$2,500,000 ☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing 0% = Minimum State Match % Required ☐ Amendment **Operating & Maintenance Costs:** Amount Staff **Project Development:** 0 0

Ongoing Operating:

One-Time Startup:

Totals:

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

Develop a strategic plan consistent with the recently approved AEA Resolution No. 2021-03 titled "To Investigate and Develop a Strategic Plan for Railbelt Assets". This strategic plan will comprehensively addresses: 1) Institutional reform to mitigate cost increases in the Railbelt; 2) leveraging private investment and identifying Public-Private Partnership opportunities; 3) Un-constraining the lowest-cost power generation (Bradley) through existing and planned power pooling agreements; 4) a reliable and resilient transmission systems consistent with transmission planning standards; 5) Creates a consistent interconnection protocol for the introduction of renewables into the BPS.

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